

The following Pacing Guide recommends days for the core instructional elements of each unit. You have options for covering lesson materials: you may choose to follow the comprehensive path or you may choose the core path. You may also customize your Pacing Guide based on your classroom schedule and needs.

An alternative Detailed Pacing Guide that provides further depth on how to manage class time is available online.

Pressed for time? Follow the faster-paced core path.

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 1 Engineering and Technology			
Unit 1 Project		3 days	
Lesson 1 Engineer It • What Does an Engineer Do?	5 days	7 days	
Lesson 2 Engineer It • How Can We Use a Design Process?	5 days	7 days	
You Solve It		1 day	
Unit 1 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 1 Review and Unit 1 Test	2 days	2 days	
Total Days for Unit 1	12 days	24 days	
Unit 2 Forces and Motion			
Unit 2 Project		3 days	
Lesson 1 Engineer It • What Is Motion?	5 days	7 days	
Lesson 2 Engineer It • How Can We Change the Way Things Move?	5 days	7 days	
You Solve It		1 day	

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 2 Forces and Motion continued			
Unit 2 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 2 Review and Unit 2 Test	2 days	2 days	
Total Days for Unit 2	12 days	24 days	
Unit 3 Plants and Animals			
Unit 3 Project		3 days	
Lesson 1 What Do Plants Need?	5 days	7 days	
Lesson 2 What Do Animals Need?	5 days	7 days	
Lesson 3 Where Do Plants and Animals Live?	5 days	7 days	
Lesson 4 How Do Plants and Animals Change Their Environment?	5 days	7 days	
You Solve It		1 day	
Unit 3 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 3 Review and Unit 3 Test	2 days	2 days	
Total Days for Unit 3	22 days	38 days	

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Unit 4 Sun Warms Earth			
Unit 4 Project		3 days	
Lesson 1 How Does the Sun Warm Earth?	5 days	7 days	
Lesson 2 Engineer It • How Can I Protect Myself From the Sun?	5 days	7 days	
You Solve It		1 day	
Unit 4 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 4 Review and Unit 4 Test	2 days	2 days	
Total Days for Unit 4	12 days	24 days	
Unit 5 Weather			
Unit 5 Project		3 days	
Lesson 1 How Can We Observe Weather Patterns?	5 days	7 days	
Lesson 2 How Can We Measure Weather?	5 days	7 days	
Lesson 3 Engineer It • What Are Kinds of Severe Weather?	5 days	7 days	
Lesson 4 Engineer It • How Can Forecasts Help Us?	5 days	7 days	
You Solve It		1 day	
Unit 5 Performance Task		2 days	
Performance-Based Assessment		2 days	

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 5 Weather continued			
Unit 5 Review and Unit 5 Test	2 days	2 days	
Total Days for Unit 5	22 days	38 days	
Unit 6 Earth's Resources			
Unit 6 Project		3 days	
Lesson 1 What Are Natural Resources?	5 days	7 days	
Lesson 2 Engineer It • How Can We Save Natural Resources?	5 days	7 days	
You Solve It		1 day	
Unit 6 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 6 Review and Unit 6 Test	2 days	2 days	
Total Days for Unit 6	12 days	24 days	